

App'l. No. 10/080,994
Am't. Dated June 5, 2006
Reply to Office Action of May 1, 2006

Attorney Docket No. 81784.0250
Customer No.: 26021

REMARKS/ARGUMENTS

Claims 3-11 and 23 were pending in the application. By this amendment, claims 3-11 and 23 are being cancelled and new claims 24-29 are being added. No new matter is involved.

On March 6, 2006, a final office action issued. In response, applicant filed a Response To Final Office Action dated April 13, 2006. The Response did not amend the claims but instead presented arguments with respect to the final Office Action.

On May 1, 2006, an advisory action issued. The advisory action states that applicant's request for reconsideration as set forth in the Response To Final Office Action does not place the application in condition for allowance because of various reasons which are set forth in the second page attached thereto.

In response, applicant is filing an RCE (Request for Continued Examination) together with this Amendment. Claims 3-11 and 23 are being cancelled, and are being replaced by new claims 24-29. The new claims are submitted to clearly distinguish patentably over the prior art.

According to one aspect of the present invention, there is provided an optical-disk recording/reproducing apparatus wherein, when a recording linear speed is to be changed, the recording/reproducing apparatus interrupts a recording operation for recording onto a disk, and reproduces a signal recorded on the disk before the recording operation is interrupted, the recording/reproducing apparatus being configured to compare the reproduced signal and a signal stored in a buffer RAM for temporarily storing a recording signal, and the recording operation is resumed when the compared signals are determined to be identical to each other, wherein the recording properties are detected based on a signal reproduced before the recording operation is resumed, to set the recording linear speed for resuming the recording operation, based on determination as to whether the detected recording

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properties are satisfactory or unsatisfactory. With this structure, it is possible to resume the recording operation at an appropriate recording speed that assures sufficient recording quality for a signal to be recorded.

Further in accordance with the present invention, a change in recording properties is detected by comparing recording property data detected based on a signal reproduced before the recording operation is resumed with recording property data detected at a previous point of change of the recording linear speed, to thereby determine whether or not the recording properties have improved. Therefore, a change in recording properties under near-actual conditions obtained in the recording operation can be detected, and an appropriate linear recording speed for resuming the recording operation can be set.

New claims 24-26, which are apparatus claims, set forth the apparatus in accordance with the invention in detailed fashion. Inasmuch as the prior art of record does not show or suggest such apparatus in accordance with the invention, new claims 24-26 are submitted to clearly distinguish patentably over such references.

New claims 27-29 set forth methods in accordance with the invention which closely correspond with the apparatus set forth in new claims 24-26. Accordingly, method claims 27-29 are also submitted to clearly distinguish patentably over the prior art.

In conclusion, new claims 24-29 are submitted to clearly distinguish patentably over the prior art for the reasons set forth above. Therefore, reconsideration and allowance are respectfully requested.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at the Los

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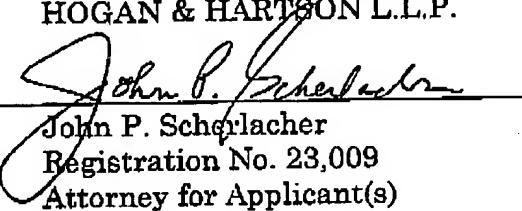
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Angeles, California telephone number (213) 337-6700 to discuss the steps necessary
for placing the application in condition for allowance.

If there are any fees due in connection with the filing of this response, please
charge the fees to our Deposit Account No. 50-1314.

Respectfully submitted,
HOGAN & HARTSON L.L.P.

Date: June 5, 2006

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